JosÃ© I Rodriguez-Barbosa

List of Publications by Year
in descending order

66 papers	1,804 citations	331670 21 h-index	276875 41 g-index
68 all docs	68 docs citations	68 times ranked	2582 citing authors

#	Article	IF	Citations
1	CD103â^' and CD103+ Bronchial Lymph Node Dendritic Cells Are Specialized in Presenting and Cross-Presenting Innocuous Antigen to CD4+ and CD8+ T Cells. Journal of Immunology, 2007, 178, 6861-6866.	0.8	266
2	Development and functional specialization of CD103⁺ dendritic cells. Immunological Reviews, 2010, 234, 268-281.	6.0	241
3	Induction of Tolerance to Innocuous Inhaled Antigen Relies on a CCR7-Dependent Dendritic Cell-Mediated Antigen Transport to the Bronchial Lymph Node. Journal of Immunology, 2006, 177, 7346-7354.	0.8	194
4	HVEM/LIGHT/BTLA/CD160 cosignaling pathways as targets for immune regulation. Journal of Leukocyte Biology, 2009, 87, 223-235.	3.3	131
5	Differentiation â€œin vitroâ€•of primary and immortalized porcine mesenchymal stem cells into cardiomyocytes for cell transplantation. Transplantation Proceedings, 2005, 37, 481-482.	0.6	72
6	Isolation and characterization of immortalized porcine aortic endothelial cell lines. Veterinary Immunology and Immunopathology, 2002, 89, 91-98.	1.2	54
7	The European antibody network's practical guide to finding and validating suitable antibodies for research. MAbs, 2016, 8, 27-36.	5.2	46
8	CX3CR1+c-kit+ Bone Marrow Cells Give Rise to CD103+ and CD103â^' Dendritic Cells with Distinct Functional Properties. Journal of Immunology, 2008, 181, 6178-6188.	0.8	41
9	PD-1/PD-L1, PD-1/PD-L2, and other co-inhibitory signaling pathways in transplantation. Transplant International, 2008, 21, ???-???.	1.6	40
10	HVEM, a cosignaling molecular switch, and its interactions with BTLA, CD160 and LIGHT. Cellular and Molecular Immunology, 2019, 16, 679-682.	10.5	37
11	Interactions between Herpesvirus Entry Mediator (TNFRSF14) and Latency-Associated Transcript during Herpes Simplex Virus 1 Latency. Journal of Virology, 2014, 88, 1961-1971.	3.4	36
12	Downregulation of BTLA on NKT Cells Promotes Tumor Immune Control in a Mouse Model of Mammary Carcinoma. International Journal of Molecular Sciences, 2018, 19, 752.	4.1	34
13	ENHANCED CD4 RECONSTITUTION BY GRAFTING NEONATAL PORCINE TISSUE IN ALTERNATIVE LOCATIONS IS ASSOCIATED WITH DONOR-SPECIFIC TOLERANCE AND SUPPRESSION OF PREEXISTING XENOREACTIVE T CELLS1. Transplantation, 2001, 72, 1223-1231.	1.0	32
14	CD160 serves as a negative regulator of NKT cells in acute hepatic injury. Nature Communications, 2019, 10, 3258.	12.8	29
15	Antibody-mediated signaling through PD-1 costimulates T cells and enhances CD28-dependent proliferation. European Journal of Immunology, 2005, 35, 3545-3560.	2.9	28
16	Molecular characterization of Haemophilus parasuis ferric hydroxamate uptake (fhu) genes and constitutive expression of the FhuA receptor. Veterinary Research, 2006, 37, 49-59.	3.0	27
17	Detection of protein on BTLAlow cells and in vivo antibody-mediated down-modulation of BTLA on lymphoid and myeloid cells of C57BL/6 and BALB/c BTLA allelic variants. Immunobiology, 2010, 215, 570-578.	1.9	26
18	Global Unresponsiveness as a Mechanism of Natural Killer Cell Tolerance in Mixed Xenogeneic Chimeras. American Journal of Transplantation, 2007, 7, 2090-2097.	4.7	25

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19	Selective Blockade of Herpesvirus Entry Mediatorâ€“B and T Lymphocyte Attenuator Pathway Ameliorates Acute Graft-versus-Host Reaction. Journal of Immunology, 2012, 188, 4885-4896.	0.8	25
20	Despite efficient intrathymic negative selection of host-reactive T cells, autoimmune disease may develop in porcine thymus-grafted athymic mice: evidence for failure of regulatory mechanisms suppressing autoimmunity1. Transplantation, 2003, 75, 1832-1840.	1.0	24
21	aroA gene PCR-RFLP diversity patterns in Haemophilus parasuis and Actinobacillus species. Research in Veterinary Science, 2006, 80, 55-61.	1.9	24
22	HIGHLY DISPARATE XENOGENEIC SKIN GRAFT TOLERANCE INDUCTION BY FETAL PIG THYMUS IN THYMECTOMIZED MICE. Transplantation, 2001, 72, 1608-1615.	1.0	21
23	Identification and characterization of the TonB region and its role in transferrin-mediated iron acquisition inHaemophilus parasuis. FEMS Immunology and Medical Microbiology, 2005, 45, 75-86.	2.7	21
24	Blood cellular immune response in pigs immunized and challenged with Haemophilus parasuis. Research in Veterinary Science, 2009, 86, 230-234.	1.9	20
25	THE INDUCTION OF SPECIFIC PIG SKIN GRAFT TOLERANCE BY GRAFTING WITH NEONATAL PIG THYMUS IN THYMECTOMIZED MICE1. Transplantation, 2000, 69, 1447-1451.	1.0	19
26	The critical role of mouse CD4+ cells in the rejection of highly disparate xenogeneic pig thymus grafts. Xenotransplantation, 2000, 7, 129-137.	2.8	17
27	LIGHT/HVEM/LTÎ²R Interaction as a Target for the Modulation of the Allogeneic Immune Response in Transplantation. American Journal of Transplantation, 2013, 13, 541-551.	4.7	16
28	B- and T-Lymphocyte Attenuator Targeting Protects Against the Acute Phase of Graft Versus Host Reaction by Inhibiting Donor Anti-Host Cytotoxicity. Transplantation, 2011, 92, 1085-1093.	1.0	15
29	T follicular helper expansion and humoral-mediated rejection are independent of the HVEM/BTLA pathway. Cellular and Molecular Immunology, 2017, 14, 497-510.	10.5	15
30	Blockade of the PD-1/PD-1L pathway reverses the protective effect of anti-CD40L therapy in a rat to mouse concordant islet xenotransplantation model. Xenotransplantation, 2007, 14, 243-248.	2.8	14
31	<scp>ITIM</scp>â€dependent negative signaling pathways for the control of cellâ€mediated xenogeneic immune responses. Xenotransplantation, 2013, 20, 397-406.	2.8	14
32	Human Bone Marrow Stromal Cells Differentiate into Corneal Tissue and Prevent Ocular Graft-Versus-Host Disease in Mice. Cell Transplantation, 2015, 24, 2423-2433.	2.5	14
33	Characterization of V factor-dependent organisms of the family Pasteurellaceae isolated from porcine pneumonic lungs in Spain. Comparative Immunology, Microbiology and Infectious Diseases, 1993, 16, 123-130.	1.6	13
34	Protection of Mouse Small Bowel Allografts by FTY720 and Costimulation Blockade. Transplantation, 2005, 79, 1703-1710.	1.0	13
35	Seroepidemiological survey of Q fever in Leï¿½n Province, Spain. European Journal of Epidemiology, 1996, 12, 245-250.	5.7	11
36	Fetal porcine thymus engraftment, survival and CD4 reconstitution in Î±Gal-KO mice is impaired in the presence of high levels of antibodies against Î±Gal. Xenotransplantation, 2003, 10, 24-40.	2.8	11

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37	Immunotherapeutic targeting of LIGHT/LTÎ²R/HVEM pathway fully recapitulates the reduced cytotoxic phenotype of LIGHT-deficient T cells. MAbs, 2016, 8, 478-490.	5.2	11
38	Modulation of cytotoxic responses by targeting CD160 prolongs skin graft survival across major histocompatibility class I barrier. Translational Research, 2017, 181, 83-95.e3.	5.0	11
39	The thymus is required for the ability of FTY720 to prolong skin allograft survival across different histocompatibility MHC barriers. Transplant International, 2007, 20, 895-903.	1.6	9
40	ADAP deficiency combined with costimulation blockade synergistically protects intestinal allografts. Transplant International, 2010, 23, 71-79.	1.6	9
41	Viability of Actinobacillus pleuropneumoniae in frozen pig lung samples and comparison of different methods of direct diagnosis in fresh samples. Comparative Immunology, Microbiology and Infectious Diseases, 1992, 15, 89-95.	1.6	8
42	FTY720 Inhibits TH1-Mediated Allogeneic Humoral Immune Response. Transplantation Proceedings, 2005, 37, 4124-4126.	0.6	8
43	Porcine Islet-Specific Tolerance Induced by the Combination of Anti-LFA-1 and Anti-CD154 mAbs is Dependent on PD-1. Cell Transplantation, 2016, 25, 327-342.	2.5	8
44	The Role of TNFR2 and DR3 in the In Vivo Expansion of Tregs in T Cell Depleting Transplantation Regimens. International Journal of Molecular Sciences, 2020, 21, 3347.	4.1	8
45	Characterization of monoclonal antibodies that recognize common epitopes located on O antigen of lipopolysaccharide of serotypes 1, 9 and 11 of Actinobacillus pleuropneumoniae. FEMS Immunology and Medical Microbiology, 1996, 16, 173-181.	2.7	7
46	Murine CD4 T Cells Selected in a Highly Disparate Xenogeneic Porcine Thymus Graft Do Not Show Rapid Decay in the Absence of Selecting MHC in the Periphery. Journal of Immunology, 2002, 169, 6697-6710.	0.8	7
47	Critical role of PD-L1 expression on non-tumor cells rather than on tumor cells for effective anti-PD-L1 immunotherapy in a transplantable mouse hematopoietic tumor model. Cancer Immunology, Immunotherapy, 2020, 69, 1001-1014.	4.2	7
48	Actinobacillus pleuropneumoniae does not require urease activity to produce acute swine pleuropneumonia. FEMS Microbiology Letters, 1997, 148, 53-57.	1.8	6
49	Flt3L-mobilized dendritic cells bearing H2-Kbm1 apoptotic cells do not induce cross-tolerance to CD8+ T cells across a class I MHC mismatched barrier. Transplant International, 2011, 24, 501-513.	1.6	6
50	Immortalization of bone marrow-derived porcine mesenchymal stem cells and their differentiation into cells expressing cardiac phenotypic markers. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 655-665.	2.7	6
51	Therapeutic Blockade of LIGHT Interaction With Herpesvirus Entry Mediator and Lymphotoxin Î² Receptor Attenuates In Vivo Cytotoxic Allogeneic Responses. Transplantation, 2014, 98, 1165-1174.	1.0	6
52	The impact of CD160 deficiency on alloreactive CD8 T cell responses and allograft rejection. Translational Research, 2021, , .	5.0	5
53	Identification of sull allele of dihydropteroate synthase by representational difference analysis in Haemophilus parasuis serovar 2. Letters in Applied Microbiology, 2005, 40, 436-442.	2.2	4
54	Control of intestinal allograft rejection by FTY720 and costimulation blockade. Transplantation Proceedings, 2005, 37, 114-115.	0.6	4

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55	Host thymectomy and cyclosporine lead to unstable skin graft tolerance after class I mismatched allogeneic neonatal thymic transplantation in mice. Transplant Immunology, 2005, 15, 25-33.	1.2	3
56	Therapeutic implications of NK cell regulation of allogeneic CD8 T cell-mediated immune responses stimulated through the direct pathway of antigen presentation in transplantation. MAbs, 2018, 10, 1-15.	5.2	2
57	Quantifying by monoclonal antibodies of specific IgG, IgM and IgA in the serum of minipigs experimentally infected with Actinobacillus pleuropneumoniae. Research in Veterinary Science, 1992, 53, 254-256.	1.9	1
58	Characterization of monoclonal antibodies to O-antigen of lipopolysaccharide of Actinobacillus pleuropneumoniae serotype 2 and their use in the classification of field isolates. FEMS Immunology and Medical Microbiology, 1995, 11, 35-44.	2.7	1
59	Differential Engraftment of Parental A20 PD-L1 WT and PD-L1 KO Leukemia Cells in Semiallogeneic Recipients in the Context of PD-L1/PD-1 Interaction and NK Cell-Mediated Hybrid Resistance. Frontiers in Immunology, 0, 13, .	4.8	1
60	Evaluation of an Immunoperoxidase Technique Using an Only Biotinâ€Labeled Antibody for the Demonstration of Actinobacillus pleuropneumoniae in Tissue Sections. Zoonoses and Public Health, 1993, 40, 81-88.	1.4	0
61	Estudio clÃnico e inmunÃ³logico del xenorrechazo en el xenotrasplante ortotÃ³pico de hÃgado de cerdo a babuino. CirugÃa EspaÃ±ola, 2002, 72, 4-9.	0.2	0
62	Xenogeneic thymic replacement to achieve immune restoration in HIV infection. Clinical and Applied Immunology Reviews, 2003, 3, 167-171.	0.4	0
63	InmunorregulaciÃ³n: un nuevo paradigma terapÃ©utico. Inmunologia (Barcelona, Spain: 1987), 2010, 29, 135-140.	0.1	0
64	InducciÃ³n de tolerancia en el trasplante de Ã³rganos sÃ³lidos. GastroenterologÃa Y HepatologÃa, 2004, 27, 66-72.	0.5	0
65	Editorial: The Roles of Checkpoint Inhibitors in Inflammatory Diseases. Frontiers in Immunology, 2021, 12, 795495.	4.8	0
66	The Role of the Inhibitory Ligand HVEM and Its Receptors CD160 and BTLA in the Regulation of Anti-retroviral T Cell Responses. Frontiers in Virology, 2022, 2, .	1.4	0